

Appl. No. 09/972,282
Amdt. Dated February 13, 2004
Reply to Office Action of August 13, 2003

Attorney Docket No. 81925.0005
Customer No.: 26021

Amendments to the Claims:

This listing of Claims will replace all prior versions, and listings, of Claims in the Application:

Listing of Claims:

1. (Cancelled).

2. (Currently Amended): An opto electronic package according to claim 1,

An onto-electronic package comprising the combination of:

an enclosed package;

a plurality of electrical contacts extending into the enclosed package;

an optical device mounted within the package and coupled to the

electrical contacts; and

an optical fiber extending through at least one peripheral portion of the package to the optical device along a common plane;

wherein the package is comprised of opposite portions joined together

surface substantially at the common plane and forming a hermetic

Conclusion and

further including a second optical fiber extending through a second peripheral portion of the package along the common plane.

- 3.4 (Cancelled).

- ~~(Currently Amended): An opto-electronic package according to claim 4,~~

An auto-electronic package comprising the combination of:

an enclosed package.

a plurality of electrical contacts extending into the enclosed package;

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an optical device mounted within the package and coupled to the electrical contacts; and

an optical fiber extending through at least one peripheral portion of the package to the optical device along a common plane;

wherein the package is comprised of opposite portions joined together at an interface substantially at the common plane and forming a hermetic enclosure;

wherein the optical fiber comprises plural optical fibers extending through at least one side of the package into the enclosed package along the common plane; and

wherein the plural optical fibers comprise opposite arrays of optical fibers lying within the common plane.

6-17. (Canceled).

18. (Currently Amended): An opto electronic package according to claim 4, An opto-electronic package comprising the combination of:

an enclosed package;

a plurality of electrical contacts extending into the enclosed package;

an optical device mounted within the package and coupled to the electrical contacts; and

an optical fiber extending through at least one peripheral portion of the package to the optical device along a common plane;

wherein the package is comprised of opposite portions joined together at an interface substantially at the common plane and forming a hermetic enclosure;

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wherein the optical fiber comprises plural optical fibers extending through at least one side of the package into the enclosed package along the common plane; and

wherein the plural optical fibers extend through opposite sides of the package into the enclosed package along the common plane.

19. (Currently Amended): ~~An opto-electronic package according to claim 4,~~
An opto-electronic package comprising the combination of:

an enclosed package;
a plurality of electrical contacts extending into the enclosed package;
an optical device mounted within the package and coupled to the electrical contacts; and
an optical fiber extending through at least one peripheral portion of the package to the optical device along a common plane;

wherein the package is comprised of opposite portions joined together at an interface substantially at the common plane and forming a hermetic enclosure;

wherein the optical fiber comprises plural optical fibers extending through at least one side of the package into the enclosed package along the common plane; and

wherein the plural optical fibers extend through adjacent sides of the package into the enclosed package along the common plane.

20. (Currently Amended): ~~An opto-electronic package according to claim 6,~~
An opto-electronic package comprising the combination of:
an enclosed package;
a plurality of electrical contacts extending into the enclosed package;

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an optical device mounted within the package and coupled to the electrical contacts; and

an optical fiber extending through at least one peripheral portion of the package to the optical device along a common plane;

wherein the package is comprised of opposite portions joined together at an interface substantially at the common plane and forming a hermetic enclosure;

wherein the optical fiber comprises plural optical fibers extending through at least one side of the package into the enclosed package along the common plane; and

wherein the opposite portions of the package comprise a package body and a package lid joined at said interface and configured to form end pipes around the optical fibers at at least one side of the package; and

wherein the package body and the package lid are configured to form end pipes around optical fibers at opposite sides of the package.

21. (Currently Amended): An opto-electronic package according to claim 6, An opto-electronic package comprising the combination of:

an enclosed package;

a plurality of electrical contacts extending into the enclosed package;

an optical device mounted within the package and coupled to the electrical contacts; and

an optical fiber extending through at least one peripheral portion of the package to the optical device along a common plane;

wherein the package is comprised of opposite portions joined together at an interface substantially at the common plane and forming a hermetic enclosure;

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wherein the optical fiber comprises plural optical fibers extending through at least one side of the package into the enclosed package along the common plane;

wherein the opposite portions of the package comprise a package body and a package lid joined at said interface and configured to form end pipes around the optical fibers at at least one side of the package; and

wherein the package body and the package lid are configured to form end pipes at adjacent sides of the package.

22. (Currently Amended): An opto-electronic package according to claim 9, An opto-electronic package comprising the combination of:

a package body having electrical leads extending through at least one side thereof to wire bond pads within the body, and a fiber feedthrough path extending through the package body from at least one side thereof;

an optical device mounted in the package body and coupled to the wire bond pads;

at least one fiber array extending into the package body from at least one side thereof along the fiber feedthrough path; and

a package lid mounted on and enclosing the package body and having at least one feedthrough portion disposed at the fiber feedthrough path;

wherein the package has a plurality of fiber arrays.

23. (Previously Presented): An opto-electronic package according to claim 22, wherein the plurality of fiber arrays extend into the package body from different sides thereof.